**CURRICULUM VITAE**

Charlotte Victoria (“CV”) Starr, M.D.

# PERSONAL DATA

Birthdate: March 29, 1973

Place of Birth: San Francisco, California

Citizenship: United States

## CONTACT INFORMATION

University of Washington, School of Medicine

Department of Pediatrics/Division of Neonatology

1959 NE Pacific St

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## Education

1991-1995 B.A. (History) Brown University

1995-1999 M.D. University of Rochester

## Postgraduate Training

1999-2002 Pediatric Residency Case Western Reserve University

 Rainbow Babies and Children’s Hospital

 Cleveland, Ohio

2005-2008 Neonatal Fellowship University of California San Francisco

 Cardiovascular Research Institute

San Francisco, California

### Faculty Positions Held

2008-2010 Instructor, Department of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, Maryland

2010- Acting Assistant Professor, Department of Pediatrics, University of Washington, Seattle, Washington

2011- Adjunct Assistant Professor, Department of Global Health, University of Washington

2012- Assistant Program Director (Clinical Curriculum), Neonatology Fellowship Training Program, University of Washington, Seattle, Washington

Hospital Positions Held

* 1. Attending Staff, Johns Hopkins Hospital
	2. Assistant Director, ECMO Program, Johns Hopkins Hospital

2010- Attending Staff, Seattle Children’s Hospital

2010- Attending Staff, University of Washington Medical Center

## AWARDS/HONORS

1995 Phi Beta Kappa

2002 Ross Laboratories Award for the Outstanding Teaching Resident

2006 Mead Johnson Perinatal Young Investigator Travel Award

2012 Pediatric Housestaff’s Faculty Teaching Award

2012 Pacific Northwest Annual Literary Contest, 2nd prize, Non-fiction category

2013 Finalist—University of Washington Moldova Award for Professionalism

### Board Certification

2002 American Board of Pediatrics, General Pediatrics

2010 American Board of Pediatrics, Neonatal-Perinatal Medicine

### CURRENT LICENSES TO PRACTICE

1. Medical License, State of Washington

### PROFESSIONAL ORGANIZATIONS

1. American Academy of Pediatrics, Perinatal Section

2012 Member (elected), Western Society for Pediatric Research

2011 Global Alliance for the Prevention of Prematurity

2012 Federation of Pediatric Organizations (FOPO) TaskForce on Women in Pediatrics

TEACHING RESPONSIBILITIES

###### Courses Taught

2010- NICU Bedside Teaching: Residents and Fellows

 2-3 months/year, University of Washington and Seattle Children’s Hospital

2011- Faculty, Becoming a Good Doctor (Course HuBio 202\*\*) UW School of Medicine

2010- Regional Instructor, Neonatal Resuscitation Program (NRP) of the AAP and the AHA

2010- Faculty, Undergraduate Research (Course #499\*\*), University of Washington

\*\*See Appendix for Course Descriptions

###### Teaching Committees

2009-2010 Pediatric Residency Review Committee, Johns Hopkins University

2011- Career Advisory Group (Pediatric Residency Program), University of Washington

Trainees (year training completed; current institution/practice; current position)

Ms. Sarah Bellum 2012 University of North Alabama Medical Student

Dr. Mella Tonin 2010 Greater Beantown Medical Center Neonatal Fellow

EDITORIAL RESPONSIBILITIES

Ad Hoc Journal Article Reviewer:

Journal of Pediatrics

New England Journal of Medicine

Pediatric Research

Archives of Pediatrics and Adolescent Medicine

### National Responsibilities

2010 March of Dimes, Global Neonatal Health grant reviewer

2012 Moderator, Platform Session, Pediatric Academic Societies Annual Meeting

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#### Local/REgional/STATE Responsibilities

2008-2010 Intern Selection Committee, Johns Hopkins Hospital

2009-2010 Assistant Director, Maryland Regional Neonatal Transport Program

2012 University of Washington Faculty Adjudication Committee

2012- Member, Dept. of Pediatrics Faculty Recognition Committee

2012- Member, Advisory Committee, SCH Clinical Research Scholar’s Program

Research Funding

####  Annual Direct Costs

Active

9/1/13—8/31/16 American Medical Association Research Foundation $10,000

 “Cure for whatever ails you: A new approach”

 **CV Starr, MD, Co-PI** (30%)

7/1/12—6/30/14 NIH-NICHD #R21 $450,000

“Biomarkers for borborygmy”

 VariWyse, I PhD, PI; **CV Starr, MD, Co-investigator** (10%)

#### Pending

9/1/13—8/31/16 American Heart Association $125,000

 “Effect of the ozone layer on hiccups in infant baboons”

 **CV Starr, MD, PI** (20%)

Inactive

9/15/09—8/31/10 Miracle Network Telethon Research Fund $5,000

“A new infant formula for overweight babies”

**CV Starr, MD, PI** (15%)

BIBLIOGRAPHY

#### Manuscripts in Peer-Reviewed Journals

1. **Starr CV**, Martin RJ, Anderson JV, Carlos WA, Sanniti K and Fanaroff AA. (2002) Optimal position for spinal tap in preterm infants. *Pediatrics* 71: 31-35.
2. **Starr CV**and Rudolph AM (2005) Gluconeogenesis by the fetal sheep liver *in vivo*. *J Develop Physiol* 7: 177-183.
3. **Starr CV**, Rudolph C, Itskovitz J, Bristow J and Rudolph AM (2008) Lactate uptake by the fetal sheep liver. *J Develop Physiol* 7: 185-194.
4. **Starr CV**, Roman C and Rudolph AM (2008) Hepatic oxygen consumption, lactate uptake and glucose production in neonatal lambs *in vivo*. *Pediatr Res* 19: 1235-1239.
5. **Starr CV**, Jones MD Jr, Traystman RJ and Notter RH (2010) Fetal cerebral responses to ventilation and oxygenation *in utero. Amer J Physiol* 255: R1049-1054.
6. Nichols DG, Howel S, Massik J, Koehler RC, **Starr CV**, Buck JR, Fitzgerald RS, Traystman RJ and Robotham JL (2012) Relationships of diaphragmatic contractility to diaphragmatic blood flow in newborn lambs. *J Appl Physiol* 66: 120-127.
7. Harris AP, Koehler RC, **Starr CV**, Jones MD and Traystman RJ (2013) Cerebral and peripheral circulatory responses to intracranial hypertension in fetal sheep. *Circ Res* 64: 991-1000.

#### Book Chapters

1. Hachey W and **Starr CV** (2008) Newborn emergencies. In: Nichols DG, Yaster M, Lappe DG and Buck JR (eds) *Golden Hour: The Handbook of Advanced Pediatric Life Support*, Mosby
2. **Starr CV** (2013) Persistent pulmonary hypertension of the newborn, *in Practical Guide to Pediatric Intensive Care*, 3rd edition. JL Blumer (ed.), Mosby Year Book,

Published Books,Videos, Software, etc.

1. **Starr CV** (2012). *Organizing and Preparing a Stellar CV*. <http://greatdoctors.org>

#### Other Publications

1. Gauda EB and **Starr CV** (2010) Contempo issue: Neonatology. *J Amer Med Assoc* 275:1823-24
2. **Starr CV** (2012): Fetal alcohol: Effects on the developing brain. *NeoReviews* 2: 231-237.

ABSTRACTS Presented at National Meetings

1. **Starr CV**, Ngai AC, Mondares RL, Mayock DE (2008). Chronic fetal alcohol exposure enhances adult VIP-induced dilation of intracerebral arterioles. Platform session: *Society for Neuroscience* Annual Meeting,Amarillo, Texas.
2. Mayock DE, Mondares RL, **Starr CV** (2010). Chronic neonatal morphine exposure alters intracerebral arteriolar response to adenosine in adult rats. Poster session: *Society for Neurosciences* Annual Meeting,Seattle, WA
3. Boasen J, **Starr CV,** Juul SE. (2011). Neonatal morphine exposure alters adult learning in C57 BL/6 mice. Poster Session: *Pediatric Academic Societies* Annual Meeting, Toronto, CAN
4. Juul S, Beyer R, Bammler T, Farin F, **Starr CV** (2012). Microarray analysis of morphine treatment of stress in neonatal mouse hippocampus. Poster Symposium: *Pediatric Academic Societies* Annual Meeting, Baltimore, MD

INVITED LECTURES

1. “Fetal alcohol syndrome”, Children’s Hospital and Medical Center, Washington, D.C. Neonatal Research Seminar, 2008.
2. “Neonatal Polycythemia”, Pediatric Grand Rounds, Seattle Children’s Hospital, 2011
3. “Neonatal Emergencies”, Pediatric Advanced Life Support Program, University of Washington and Seattle Children’s Hospital, 2011
4. “Newborn cerebrovascular responses after fetal alcohol exposure in sheep”, International Perinatal Colloquium, Mont Tremblant, Quebec, 2012.
5. “Elements of a research career: Starting out and overcoming barriers”, Ninth NICHD Aspen Conference on Maternal-Fetal-Neonatal Reproductive Medicine, 2012.
6. “Cerebral effects of fetal alcohol exposure”, Mead-Johnson Regional Perinatal Research Symposium, Guest Speaker, 2012.
7. “Organizing and preparing your CV: Your professional life’s story.” Workshop, Pediatric Academic Societies Annual Meeting, Boston, MA, 2013